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- [mango: low-cost, scalable delivery of rich content on mobiles](#)
 Ankur Jain, Sharad Jaiswal, Anirban Majumder, Naidu K V M, Girija Narlikar
 August 2009 **MobiHeld '09: Proceedings of the 1st ACM workshop on Net handhelds**
Publisher: ACM
 Full text available: [Pdf](#) (444.62 KB) [Additional Information: full citation, abs](#)
Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 68, Downlo

We present mango, a low-cost and highly scalable content-delivery serv at emerging countries such as India where users are highly price sensiti media content. ...

Keywords: CDN, mobile applications

- [Towards a software architecture for DRM](#)
 Sam Michiels, Kristof Verslype, Wouter Joosen, Bart De Decker
 November 2005 **DRM '05: Proceedings of the 5th ACM workshop on Digital**
Publisher: ACM [Request Permissions](#)
 Full text available: [Pdf](#) (296.34 KB) [Additional Information: full citation, abs](#)
Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 147, Downl

The domain of digital rights management (DRM) is currently lacking a g interoperability and reuse of specific DRM technologies. This lack of arc of the rapid evolution ...

Keywords: DRM, software architecture


- [A survey of peer-to-peer content distribution technologies](#)
 Stephanos Androutsellis-Theotokis, Diomidis Spinellis
 December 2004 **Computing Surveys (CSUR)** , Volume 36 Issue 4
Publisher: ACM [Request Permissions](#)
 Full text available: [Pdf](#) (517.77 KB) [Additional Information: full citation, abs](#)
Bibliometrics: Downloads (6 Weeks): 267, Downloads (12 Months): 1969, Dov

Distributed computer architectures labeled "peer-to-peer" are designed storage, CPU cycles) by direct exchange, rather than requiring the inter


authority. ...

Keywords: Content distribution, DHT, DOLR, grid computing, p2p, pee

4 [CDNsim: A simulation tool for content distribution networks](#)

 Konstantinos Stamos, George Pallis, Athena Vakali, Dimitrios Katsaros, Ant April 2010 **Transactions on Modeling and Computer Simulation (TC**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (3.55 MB)


Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 25, Downlo

Content distribution networks (CDNs) have gained considerable attentio
developing frameworks for carrying out CDN simulations. In this article
framework for CDNs, called ...


Keywords: Content distribution network, caching, services, trace-drive

5 [Enhanced hot spot detection heuristics for embedded java just-in-tim](#)

 Seong-Won Lee, Soo-Mook Moon, Seong-Moo Kim

June 2008 **LCTES '08: Proceedings of the 2008 ACM SIGPLAN-SIGBED c
for embedded systems**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (388.85 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 60, Downloa


Most Java just-in-time compilers (JITC) try to compile only hot methods
running time. This requires precise and efficient *hot spot detection*, whic
cold methods, ...

Keywords: hot spot detection, j2me cdc, java just-in-time compilation.

Also published in:


June 2008 **SIGPLAN Notices** Volume 43 Issue 7

6 [Pixie: a jukebox architecture to support efficient peer content exchan](#)

 Sami Rollins, Kevin C. Almeroth

December 2002 **MULTIMEDIA '02: Proceedings of the tenth ACM internati**

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (433.57 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 13, Downloa


Peer-to-peer (P2P) content exchange has recently gained attention from
The dynamic nature of peer networks and the resource constraints of pe
technical challenges ...

7 [URICA: Usage-awaRe Interactive Content Adaptation for mobile dev](#)

 Iqbal Mohamed, Jim Chengming Cai, Eyal de Lara

April 2006 **EuroSys '06: Proceedings of the 1st ACM SIGOPS/EuroSys E**

2006

Publisher: ACMFull text available:  Pdf (717.27 KB)



Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 36, Download

Usage-aware Interactive Content Adaptation (URICA) is an automatic mobile devices based on usage semantics. URICA allows users who are decision to take control of the ...

Keywords: content adaptation, customization, learning, mobile devices



Also published in:

October 2006 **SIGOPS Operating Systems Review** Volume 40 Issue 4**8** Distributed content delivery using load-aware network coordinates Nicholas Ball, Peter PietzuchDecember 2008 **CoNEXT '08: Proceedings of the 2008 ACM CoNEXT Confer****Publisher:** ACM  Request PermissionsFull text available:  Pdf (358.47 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 63, Download

To scale to millions of Internet users with good performance, content delivery between content servers while assigning clients to nearby servers. In this associates synthetic ...

9 Replication for web hosting systems Swaminathan Sivasubramanian, Michal Szymaniak, Guillaume Pierre, Maar September 2004 **Computing Surveys (CSUR)**, Volume 36 Issue 3**Publisher:** ACM  Request PermissionsFull text available:  Pdf (374.99 KB)


Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 282, Downl

Replication is a well-known technique to improve the accessibility of Web latencies and increases a site's availability. However, applying replication Delivery Networks ...

Keywords: Web replication, content delivery networks**10** Content sharing middleware for mobile devices

Petros Belimpasakis, Juha-Pekka Luoma, Mihaly Börzsei

February 2008 **MOBILWARE '08: Proceedings of the 1st international conference on Operating Systems, and Applications****Publisher:** ICST (Institute for Computer Sciences, Social-Informatics and TelecommFull text available:  Pdf (706.62 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 100, Downl

As mobile smart phones have evolved being converged devices, they are of high quality content, such as images, music and video. The need of p

content, lead to the ...

Keywords: Symbian, content, middleware, mobile devices, sharing

11 [A social framework for content distribution in mobile transient network](#)



Benjamin Molina, Salvatore F. Pileggi, Carlos E. Palau, Manuel Esteve

June 2008

UPGRADE '08: Proceedings of the third international workshop on development of content networks

Publisher: ACM

Full text available: Pdf (256.67 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 89, Downloads

Transient networks are spontaneous networks that appear for a short period of time, such as connectivity and content distribution among a small community of users. Multimode by nature providing ...

Keywords: distributed and mobile transient network, intelligent agents, social network, web semantic

12 [Service Scheduling of Vehicle-Roadside Data Access](#)

Yang Zhang, Jing Zhao, Guohong Cao

February 2010 **Mobile Networks and Applications**, Volume 15 Issue 1

Publisher: Kluwer Academic Publishers

Full text available: Pdf (515.08 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 11, Downloads

As vehicular networks become popular, more and more people want to use them. Vehicles want to access data through a roadside unit, service scheduling is a challenging task. This paper identifies some challenges ...

Keywords: data quality, roadside unit (RSU), scheduling, upload/download

13 [Insight and perspectives for content delivery networks](#)



George Pallis, Athena Vakali

January 2006 **Communications of the ACM**, Volume 49 Issue 1

Publisher: ACM Request Permissions

Full text available: Html (32.84 KB), Pdf (185.12 KB) Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 42, Downloads (12 Months): 289, Downloads

Striking a balance between the costs for Web content providers and the

14 [Large scale content distribution protocols](#)



Christoph Neumann, Vincent Roca, Rod Walsh

October 2005 **SI GCOMM Computer Communication Review**, Volume 35 Issue 4

Publisher: ACM

Full text available: Pdf (207.06 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 71, Downloads


This paper introduces large scale content distribution protocols, which a users and providing low delay end-to-end delivery. Delivery of files and content streaming ...

15 [Interactive television: new genres, new format, new content](#)

Jens F. Jensen

November 2005 **IE 2005**: Proceedings of the second Australasian conference

Publisher: Creativity & Cognition Studios Press

Full text available:  [Pdf](#) (248.67 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 70, Downloads (12 Months): 508, Downl

The aim of this paper is to discuss some of the main issues associated v the context of interactive television (ITV). First, a set of new forms or c the suite ...


Keywords: ITV advertising, Media Theory, T-commerce, art, design an television, electronic program guides, enhanced TV, games and betting, interactive, digital storytelling, internet at TV, networking (technical and personalized TV, the interactive viewer/user, video-on-demand

16 [Resource Management Strategies for the Mobile Web](#)

Claudia Canali, Michele Colajanni, Riccardo Lancellotti

April 2010 **Mobile Networks and Applications**, Volume 15 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  [Pdf](#) (474.33 KB)


Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 42, Downloads (12 Months): 52, Downlo

The success of the Mobile Web is driven by the combination of novel We mobile devices that require personalization, location-awareness and con Mobile Web workload ...


Keywords: Mobile Web, content adaptation, multimedia resources, per

17 [Peer assisted VoD for set-top box based IP network](#)

 Vaishnav Janardhan, Henning Schulzrinne

August 2007 **P2P-TV '07**: Proceedings of the 2007 workshop on Peer-to-p

Publisher: ACM 


Full text available:  [Pdf](#) (143.36 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 99, Downloa


IP-enabled set-top boxes are becoming key devices in home entertainm signals, STBs have been providing pay-per view service for a long time. requirements at the source server ...

18 [The elements of nature: interactive and realistic techniques](#)

 Oliver Deussen, David S. Ebert, Ron Fedkiw, E. Kenton Musgrave, Przemysli Tessendorf

August 2004 **SIGGRAPH '04**: SIGGRAPH 2004 Course Notes

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (17.65 MB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 254, Downloads (12 Months): 1407, Downloads (24 Months): 254


This updated course on simulating natural phenomena will cover the latest simulating most of the elements of nature. The presenters will provide a research perspectives ...

19 [Storage optimization for a peer-to-peer video-on-demand network](#)

 Jagadeesh M. Dyaberi, Karthik Kannan, Vijay S. Pai

February 2010 **MMSys '10: Proceedings of the first annual ACM SIGMM conference on Multimedia Systems**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (678.01 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 47, Downloads (12 Months): 90, Downloads (24 Months): 47

This paper explores requirements for efficient pre-seeding of video-on-demand customer set-top boxes in a cable ISP environment. The pre-seeded customer set-top boxes in the same cable community ...


Keywords: bittorrent, experimental systems, multimedia streaming, network demand

20 [Drafting behind Akamai \(travelocity-based detouring\)](#)

 Ao-Jan Su, David B. Choffnes, Aleksandar Kuzmanovic, Fabián E. Bustamante

August 2006 **SIGCOMM '06: Proceedings of the 2006 conference on Applications, protocols, and architectures for computer communications**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (664.20 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 125, Downloads (24 Months): 17

To enhance web browsing experiences, content distribution networks (CDNs) cache copies of web objects on thousands of servers worldwide. Additive systems perform extensive ...

Keywords: Akamai, CDN, DNS, edge server, measurement reuse, one-time

Also published in:

August 2006 **SIGCOMM Computer Communication Review** Volume 36 Issue 4

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